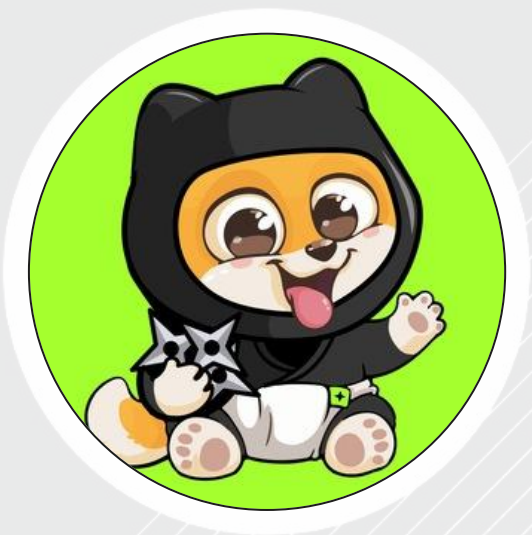
# SPYWOLF

## Security Audit Report



Completed on

**August 4, 2022**

MADE IN USA 🇺🇸

# OVERVIEW

This audit has been prepared for **BabyShinja** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✔ Contract's source code
- ✔ Owners' wallets
- ✔ Tokenomics
- ✔ Team transparency and goals
- ✔ Website's age, code, security and UX
- ✔ Whitepaper and roadmap
- ✔ Social media & online presence

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

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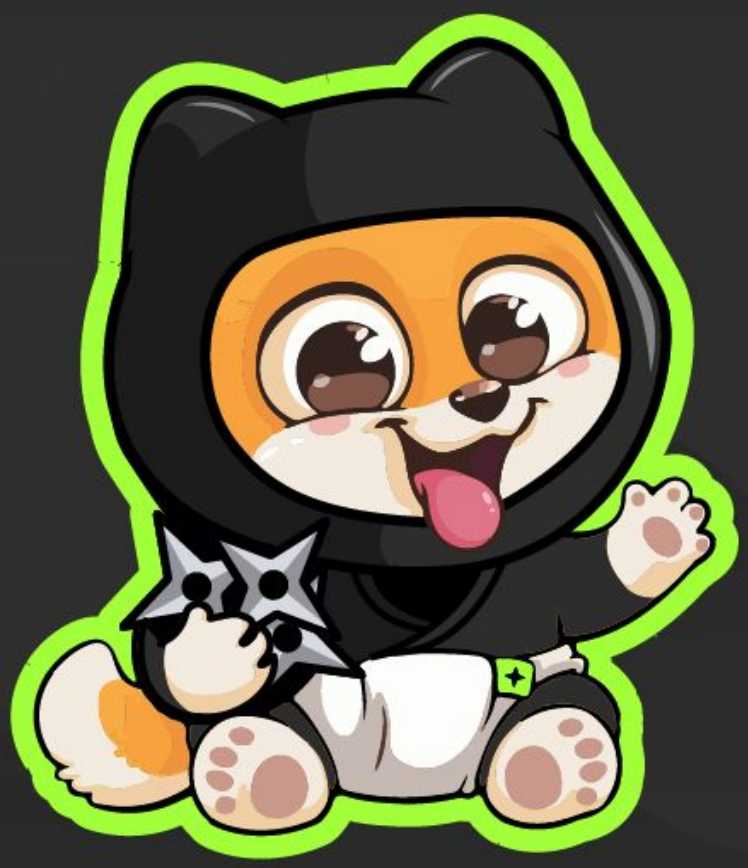
# BABYSHINJA



## PROJECT DESCRIPTION

**According to their website:**

BabyShinja token was born from team's love of Shibnobi/Shinja. BabyShinja is a community driven decentralized meme token with a dedicated team, pushing and developing behind the scenes to make this the biggest Baby coin of 2022!

**Release Date:** Presale starts on August 04, 2022

**Category:** Meme coin

# CONTRACT INFO

Token Name
BabyShinja

Symbol
BSHINJA

Contract Address
0x6950Bf7f33acaA6fE0ED91fC5982491beB251c8A

Network
Binance Smart Chain

Language
Solidity

Deployment Date
August 04, 2022

Verified?
Yes

Total Supply
1,000,000,000,000,000

Status
Not launched

# TAXES

Buy Tax
**10%**

Sell Tax
**10%**

*Taxes can be changed in future

# Our Contract Review Process

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.

**Blockchain security tools used:**

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

# CURRENT STATS

(As of August 04, 2022)

Liquidity

Not added yet

Burn

No burnt tokens

Status:

**Not Launched!**

MaxTxAmount

20,000,000,000,000

DEX:

PancakeSwap

## LP Address(es)

**Liquidity not added yet**

# TOKEN TRANSFERS STATS

| | |
|---|---|
| **Transfer Count** | 1 |
| **Uniq Senders** | 1 |
| **Uniq Receivers** | 1 |
| **Total Amount** | 1000000000000000 BSHINJA |
| **Median Transfer Amount** | 1000000000000000 BSHINJA |
| **Average Transfer Amount** | 1000000000000000 BSHINJA |
| **First transfer date** | 2022-08-04 |
| **Last transfer date** | 2022-08-04 |
| **Days token transferred** | 1 |

# SMART CONTRACT STATS

| | |
|---|---|
| **Calls Count** | 2 |
| **External calls** | 2 |
| **Internal calls** | 0 |
| **Transactions count** | 2 |
| **Uniq Callers** | 1 |
| **Days contract called** | 1 |
| **Last transaction time** | 2022-08-04 08:14:50 UTC |
| **Created** | 2022-08-04 07:58:08 UTC |
| **Create TX** | 0x2eb66df977541642f3524cce9da3e13c0078b18ac11ff379efc323f100438975 |
| **Creator** | 0x3cb5b41ba477da4ea403ce2c667b7bd292130f8b |

# FEATURED WALLETS

| | |
|---|---|
| **Owner address** | 0x3cb5b41ba477da4ea403ce2c667b7bd292130f8b |
| **Auto liquidity receiver** | Same as owner |
| **Marketing wallet** | 0xbb36079bd916df0fc0504bdc35472ae45e1f4719 |
| **Dev wallet** | 0xfab30b3f641063dc73924e4b063e0dffd412d7c9 |
| **LP address** | **Liquidity not added yet** |

# TOP 3 UNLOCKED WALLETS

1

100% Same as owner

*Tokens are not distributed yet

# VULNERABILITY CHECK

| | |
|---|---|
| Design Logic | Passed |
| Compiler warnings. | Passed |
| Private user data leaks | Passed |
| Timestamp dependence | Passed |
| Integer overflow and underflow | Passed |
| Race conditions and reentrancy. Cross-function race conditions | Passed |
| Possible delays in data delivery | Passed |
| Oracle calls | Passed |
| Front running | Passed |
| DoS with Revert | Passed |
| DoS with block gas limit | Passed |
| Methods execution permissions | Passed |
| Economy model | Passed |
| Impact of the exchange rate on the logic | Passed |
| Malicious Event log | Passed |
| Scoping and declarations | Passed |
| Uninitialized storage pointers | Passed |
| Arithmetic accuracy | Passed |
| Cross-function race conditions | Passed |
| Safe Zeppelin module | Passed |
| Fallback function security | Passed |

# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

Issues on this level are minor details and warning that can remain unfixed.

## Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.

# ⚠ Medium Risk

Owner can change buy and sell fees up to 25%.
Combined buy+sell=50%.

```
function changeFees(uint256 newLiqFee, uint256 newRewardFee,
uint256 newMarketingFee, uint256 newDevFee, uint256 extraSellFee) external authorized {
    liquidityFee = newLiqFee;
    rewardsFee = newRewardFee;
    marketingFee = newMarketingFee;
    devFee = newDevFee;

    totalFee = liquidityFee.add(marketingFee).add(rewardsFee).add(devFee);

    totalFeeIfSelling = totalFee + extraSellFee;
    require(totalFeeIfSelling <= 25);
    emit feesChanged(totalFee, totalFeeIfSelling, liquidityFee, marketingFee, devFee, rewardsFee);
}

function _transferFrom(address sender, address recipient, uint256 amount) internal returns (bool) {
............
uint256 finalAmount = !isFeeExempt[sender] && !isFeeExempt[recipient] ? takeFee(sender, recipient, amount) : amount;
_balances[recipient] = _balances[recipient].add(finalAmount);
............
}

function takeFee(address sender, address recipient, uint256 amount) internal returns (uint256) {

    uint256 feeApplicable = pair == recipient ? totalFeeIfSelling : totalFee;
    uint256 feeAmount = amount.mul(feeApplicable).div(100);

    _balances[address(this)] = _balances[address(this)].add(feeAmount);
    emit Transfer(sender, address(this), feeAmount);

    return amount.sub(feeAmount);
}
```

- Recommendation:
  - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%.

# Informational

Owner can set max transaction limit, but cannot lower it than 0.5% of total supply.

```
function changeTxLimit(uint256 newLimit) external authorized {
    require( newLimit >= 5, "Max tx cant be bellow 0.5%");
    _maxTxAmount = newLimit.mul(_totalSupply).div(1000);
    emit maxTxChanged(newLimit);
}
```

Owner can exclude address from fees and transaction limits.

```
function changeIsFeeExempt(address holder, bool exempt) external authorized {
    isFeeExempt[holder] = exempt;
    emit feeExemptStatusChanged(holder, exempt);
}

function changeIsTxLimitExempt(address holder, bool exempt) external authorized {
    isTxLimitExempt[holder] = exempt;
    emit limitExemptStatusChanged(holder, exempt);
}
```

RECOMMENDATIONS FOR

# GOOD PRACTICES

1. Consider fundamental tradeoffs
2. Be attentive to blockchain properties
3. Ensure careful rollouts
4. Keep contracts simple
5. Stay up to date and track development

## BabyShinja

### GOOD PRACTICES FOUND

- ✔ The owner cannot mint new tokens after deployment
- ✔ The owner cannot stop or pause the contract
- ✔ The owner can set a transaction limit, but can’t lower it than 0.5% of total supply
- ✔ The smart contract utilizes "SafeMath" to prevent overflows

⚠️There is no information about initial tokens distribution on the project's whitepaper and/or website.

TOKENOMICS

# THE TEAM

The team has privately doxxed to SPYWOLF by completing the following KYC requirements:

- ID Verification
- Video statement
- Video interview with devs
- Owner's wallet verification

## KYC INFORMATION

### Issuer

SPYWOLF

### Members KYC'd

### KYC Date

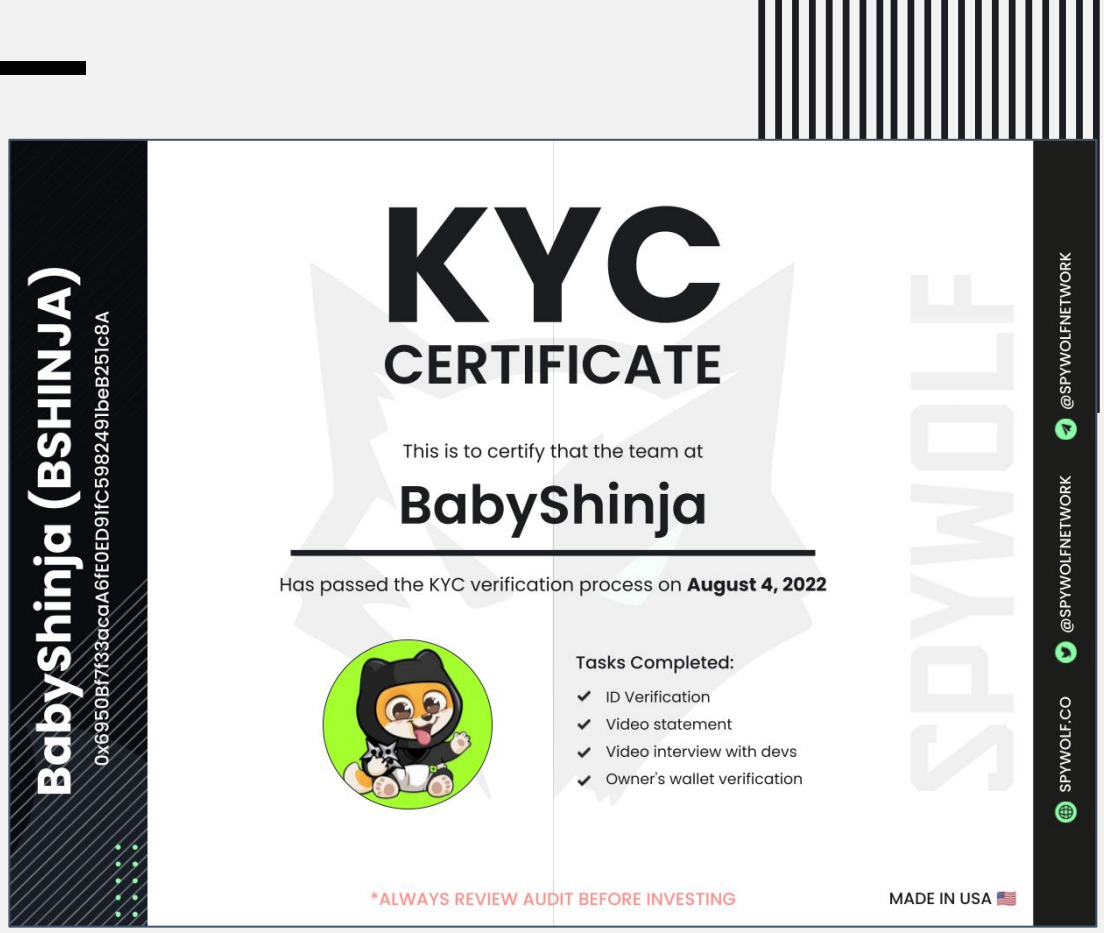
August 4, 2022

### Format

Image

### Certificate Link

https://github.com/SpyWolfNetwork/KYCs/blob/main/August/KYC_BabyShinja_0x6950Bf7f33acaA6fE0ED91fC5982491beB251c8A.png



WEBSITE

## Website URL
https://babyshinja.co/

## Domain Registry
https://www.godaddy.com

## Domain Expiration
Expires on 2023-06-27

## Technical SEO Test
Passed

## Security Test
Passed. SSL certificate present

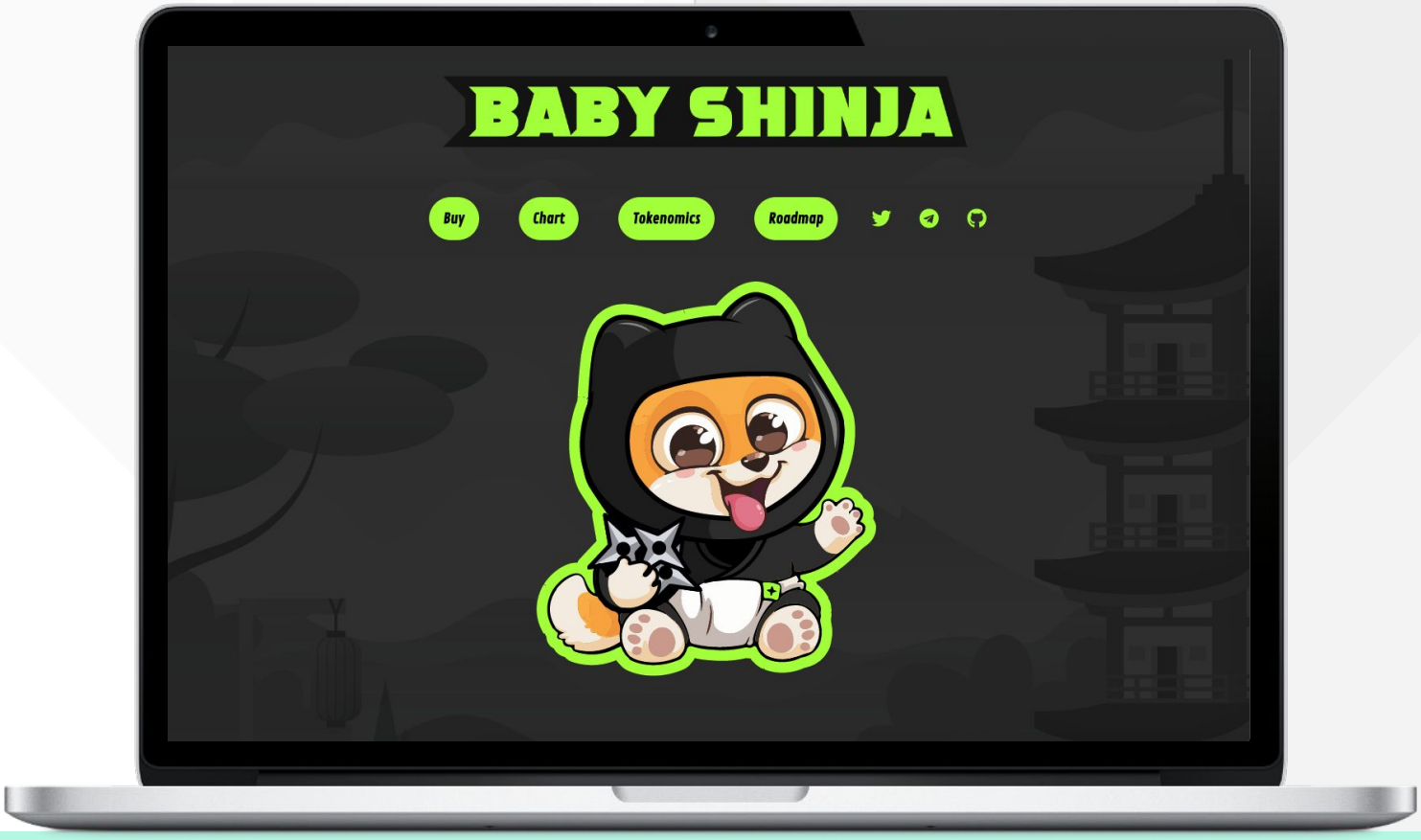
## Design
Single page design, appropriate color scheme and graphics.

## Content
The information helps new investors understand what the product does right away. No grammar mistakes found. Not much content.

## Whitepaper
⚠️ No whitepaper.

## Roadmap
Yes, goals set without time frames.

## Mobile-friendly?
Yes



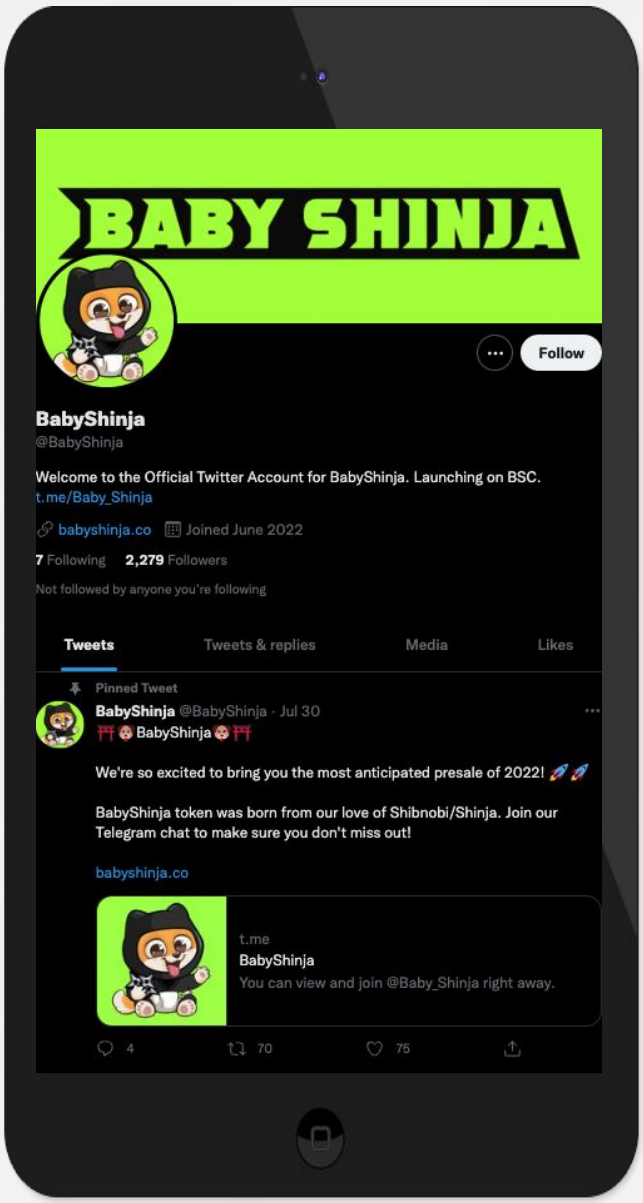

# babyshinja.co

# SOCIAL MEDIA

## & ONLINE PRESENCE

**ANALYSIS**

**Project's social media pages are active with organic users**




### Twitter

@BabyShinja

- 2 331 followers
- Active
- Posts frequently

### Discord

- Not available

### Telegram

@Baby_Shinja

- 195 members
- Active members
- Active mods

### Medium

- Not available

# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

# ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- **OVER 150 SUCCESSFUL CLIENTS**
- **MORE THAN 500 SCAMS EXPOSED**
- **MILLIONS SAVED IN POTENTIAL FRAUD**
- **PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS**
- **CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH**

To hire us, reach out to
contact@spywolf.co or
t.me/joe_SpyWolf

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.
While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.